

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061203.D
 Acq On : 20 Mar 2019 12:59
 Operator : VA/AP
 Sample : VD0320SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0320SBS01

Quant Time: Mar 22 01:58:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	690309	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1191555	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	969121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	423641	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	285796	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	6.92	113	414777	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
50) Toluene-d8	10.40	98	1013490	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
62) 4-Bromofluorobenzene	13.54	95	390131	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	155405	22.727	ug/l	99
3) Chloromethane	1.76	50	117326	20.597	ug/l	98
4) Vinyl Chloride	1.86	62	112539	21.381	ug/l	95
5) Bromomethane	2.16	94	19892	18.585	ug/l	85
6) Chloroethane	2.27	64	28077	17.821	ug/l	95
7) Trichlorofluoromethane	2.54	101	149339	19.751	ug/l	95
8) Diethyl Ether	2.87	74	50185	20.119	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.16	101	181559	21.477	ug/l	99
10) Methyl Iodide	3.32	142	233101	21.782	ug/l	99
11) Tert butyl alcohol	4.05	59	41254	112.776	ug/l #	91
12) 1,1-Dichloroethene	3.13	96	140694	20.304	ug/l	96
13) Acrolein	3.04	56	38044	71.878	ug/l	92
14) Allyl chloride	3.62	41	231276	20.860	ug/l	98
15) Acrylonitrile	4.19	53	138495	107.123	ug/l	95
16) Acetone	3.23	43	185945	113.165	ug/l	98
17) Carbon Disulfide	3.38	76	474673	20.307	ug/l	100
18) Methyl Acetate	3.64	43	63520	19.643	ug/l	93
19) Methyl tert-butyl Ether	4.24	73	273440	22.517	ug/l	94
20) Methylene Chloride	3.82	84	193705	23.371	ug/l	91
21) trans-1,2-Dichloroethene	4.22	96	163867	21.849	ug/l	99
22) Diisopropyl ether	5.12	45	478606	20.795	ug/l	99
23) Vinyl Acetate	5.05	43	1244811	105.361	ug/l	100
24) 1,1-Dichloroethane	4.99	63	267248	21.193	ug/l	100
25) 2-Butanone	6.06	43	202233	108.465	ug/l	98
26) 2,2-Dichloropropane	6.02	77	217910	22.136	ug/l	97
27) cis-1,2-Dichloroethene	6.03	96	177384	22.292	ug/l	98
28) Bromochloromethane	6.44	49	96318	18.043	ug/l	86
29) Tetrahydrofuran	6.45	42	100904	99.666	ug/l	96
30) Chloroform	6.66	83	277066	21.200	ug/l	99
31) Cyclohexane	6.95	56	212114	20.861	ug/l	96
32) 1,1,1-Trichloroethane	6.86	97	241716	21.393	ug/l	97
36) 1,1-Dichloropropene	7.14	75	206639	20.119	ug/l	99
37) Ethyl Acetate	6.17	43	92771	19.248	ug/l #	97
38) Carbon Tetrachloride	7.11	117	234203	20.701	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	223512	20.987	ug/l	97
40) Benzene	7.45	78	534201	20.815	ug/l	99
41) Methacrylonitrile	6.44	41	108935	19.650	ug/l #	94
42) 1,2-Dichloroethane	7.57	62	157404	21.134	ug/l	97
43) Isopropyl Acetate	9.23	43	124348	18.627	ug/l #	95
44) Trichloroethene	8.53	130	200693	22.667	ug/l	96
45) 1,2-Dichloropropane	8.93	63	136772	20.285	ug/l	97
46) Dibromomethane	9.05	93	89832	21.003	ug/l	97
47) Bromodichloromethane	9.37	83	206353	21.380	ug/l	96
48) Methyl methacrylate	9.11	41	77297	20.565	ug/l	90
49) 1,4-Dioxane	9.07	88	16229	427.006	ug/l	94
51) 4-Methyl-2-Pentanone	10.29	43	421508	103.066	ug/l	96
52) Toluene	10.50	92	328333	20.573	ug/l	98
53) t-1,3-Dichloropropene	10.91	75	188028	21.305	ug/l	99
54) cis-1,3-Dichloropropene	10.03	75	226279	21.339	ug/l	95
55) 1,1,2-Trichloroethane	11.18	97	110876	20.862	ug/l	99
56) Ethyl methacrylate	11.03	69	114417	20.567	ug/l	96
57) 1,3-Dichloropropane	11.40	76	166408	20.952	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.85	63	288922	98.118	ug/l	100
59) 2-Hexanone	11.53	43	301944	100.931	ug/l	95
60) Dibromochloromethane	11.67	129	167376	21.399	ug/l	98
61) 1,2-Dibromoethane	11.79	107	133743	21.632	ug/l	99
64) Tetrachloroethene	11.25	164	149389	22.835	ug/l	96
65) Chlorobenzene	12.39	112	393660	20.720	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.51	131	157007	23.184	ug/l	98
67) Ethyl Benzene	12.52	91	635299	22.461	ug/l	99
68) m/p-Xylenes	12.66	106	501201	45.147	ug/l	95
69) o-Xylene	13.04	106	232647	21.319	ug/l	99
70) Styrene	13.06	104	383988	21.550	ug/l	97
71) Bromoform	13.23	173	91035	20.838	ug/l	97
73) Isopropylbenzene	13.40	105	564268	18.482	ug/l	100
74) N-amyl acetate	13.26	43	168391	19.588	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.69	83	125245	21.026	ug/l	99
76) 1,2,3-Trichloropropane	13.73	75	130900	21.477	ug/l	97
77) Bromobenzene	13.66	156	165997	21.299	ug/l	94
78) n-propylbenzene	13.77	91	754780	21.117	ug/l	95
79) 2-Chlorotoluene	13.83	91	439634	22.342	ug/l	99
80) 1,3,5-Trimethylbenzene	14.23	105	523922	22.604	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.46	75	38853	21.622	ug/l	99
82) 4-Chlorotoluene	13.94	91	480523	20.656	ug/l	95
83) tert-Butylbenzene	14.18	119	592396	23.354	ug/l	97
84) 1,2,4-Trimethylbenzene	14.23	105	523922	22.604	ug/l	99
85) sec-Butylbenzene	14.36	105	599329	19.354	ug/l	97
86) p-Isopropyltoluene	14.49	119	580764	22.944	ug/l	96
87) 1,3-Dichlorobenzene	14.45	146	297163	21.353	ug/l	96
88) 1,4-Dichlorobenzene	14.53	146	299279	21.884	ug/l	96
89) n-Butylbenzene	14.79	91	493858	20.317	ug/l	97
90) Hexachloroethane	15.00	117	158044	22.112	ug/l	83
91) 1,2-Dichlorobenzene	14.80	146	249617	21.515	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.37	75	15830	22.053	ug/l	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.94	180	116139	21.579	ug/l	98
94) Hexachlorobutadiene	16.03	225	90145	22.144	ug/l	97
95) Naphthalene	16.12	128	183942	22.490	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	48048	18.075	ug/l	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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